

THE VISION: FOCUSED ON THE WARFIGHTER

This Long Range Plan, through the examination of the USSPACECOM operational concepts, has begun to detail what capabilities, concepts of operations, organizations and in some cases, partnerships are required to achieve the Vision for 2020. A measure of our focus and commitment to the warfighter is found in our linkage to *Joint Vision 2010*.

Fulfilling any and every *Joint Vision 2010* operational concept is unlikely, if not impossible, without **Control of Space**. If we don't have unfettered access to our space capabilities, we can't secure the "high ground." If we don't secure the high ground, we assume substantially greater risk when we try to successfully maneuver, strike, or adequately protect and sustain our forces.

Control of Space ensures our forces have situational understanding and denies that product to the enemy. Our advantage in seeing and understanding the evolving situation, coupled with the enemy's inability to see, enables Dominant Maneuver, Precision Strike, Full-Dimensional Protection and Focused Logistics. Our ability to perform counterspace operations is essential to both protect the integrity of our systems and their related links, as well as to neutralize the enemy's.

While Control of Space assures access to the vast array of space capabilities, **Full Force Integration** assures total exploitation of those capabilities with a synergy that will be key to Full Spectrum Dominance. Full Force Integration means the right forces will have the right information at the right time, with a coherent common operating picture

shared across the battlespace. Command and control, communications, ISR, warning, weather, navigation, position, and timing will be fused together to achieve dynamic battlefield objectives with maximum protection for the warfighter. Whether it is bombs on target, preserving law and order or distributing humanitarian aid, Full Force Integration exploits the space advantage and is a key enabler for every *Joint Vision 2010* operational concept.

Global Engagement's integrated focused surveillance and ability to apply force against a limited number of terrestrial targets from space, should the policy decision be made to do so, will contribute to Dominant Maneuver and Precision Strike. Global Engagement's near real time battle damage assessment will contribute greatly to any decision to reengage. Theater and intercontinental ballistic missile warning and missile defense attributes will enable Full-Dimensional Protection.

Where we can achieve greater capability sooner, where coalition interdependency is a healthy by-product of a close relationship or where we can share costs to get otherwise unreachable capability, **Global Partnerships** can be a force multiplier for every *Joint Vision 2010* operational concept. It seeks to leverage our military capabilities with civil, national, commercial and international space capabilities.

The following pages summarize the supporting relationship between USSPACECOM Vision for 2020 and *Joint Vision 2010*.

Dominant Maneuver

... the multidimensional application of information, engagement, and mobility capabilities to position and employ widely dispersed joint air, sea, land and space forces to accomplish assigned operational tasks.

Control of Space: ■ Assure access to space ■ Protect satellite systems, links to ensure integrity of information force connectivity ■ Flexible mobility for counterspace system operations to deny enemy ISR, C3

Global Engagement: ■ Provide integrated focused surveillance ■ Conceptually, hold at risk a limited number of high value targets to ensure freedom of movement of forces

Full Force Integration: ■ Robust, integrated ISR, C3, precision navigation, position and timing data and weather for common operating picture ■ In-transit visibility of friendly forces, supplies

Global Partnerships: ■ A percentage of traditional force enhancement support (e.g., communications, surveillance, weather) provided by civil and commercial enterprises, both domestic and international. Agreements in place to both augment support for US/allied operations and protect/prevent use by or distribution of information to adversary forces

Precision Engagement

... will consist of a system of systems that enables our forces to locate the objective or target, provide responsive command and control, generate the desired effect, assess our level of success, and retain the flexibility to reengage with precision when required.

Control of Space: ■ Assure access to space ■ Provide real time surveillance of space to characterize potential targets ■ Conduct counterspace system operations to neutralize threats ■ Perform real time battle damage assessment ■ Protect space systems to ensure accurate targeting and precision attack ■ *Information Operations (IO) are emerging as another dimension of precision engagement. Controlling space is essential to successful information operations and will support an overarching IO strategy*

Global Engagement: ■ Provide near real time, highly accurate integrated focused surveillance targeting data ■ Provide near real time space derived battle damage assessment ■ Conceptually, conduct force application against a limited target set

Full Force Integration: ■ Ensure robust, integrated ISR, C3, precision navigation, position and timing data and weather to provide common operating picture ■ Sophisticated network fuses data from multiple sensors, cues other sensors, feeds directly to shooters, decision makers to generate desired effects ■ Near real time battle damage assessment will enable precision reengagement

Global Partnerships: ■ CRAF-like agreements and international partnerships could enhance C2 of forces, imagery collection/targeting, and battle damage assessment

Focused Logistics

... the fusion of information, logistics and transportation technologies to provide rapid crisis response, to track and shift assets while en route, and to deliver tailored logistics packages and sustainment directly at the strategic, operational and tactical level of operations.

Control of Space: ■ Assure access to space ■ Protect satellite systems, links to ensure integrity of information force connectivity ■ Flexible mobility for counterspace system operations to deny enemy ISR, C3

Full Force Integration: ■ Robust, integrated ISR, C3, precision navigation, position and timing data and weather for common operating picture ■ In-transit visibility of friendly forces, supplies ■ Worldwide surveillance, with MSI/HSI/USI imagery will enhance precision mobility and counter mobility operations in hostile areas or difficult terrain

Global Partnerships: ■ MSI/HSI/USI from other civil, commercial or international sources will enhance assessment of points of delivery for people and supplies

Information Superiority

The capability to collect, process, and disseminate an uninterrupted flow of information while exploiting or denying an adversary's ability to do the same.

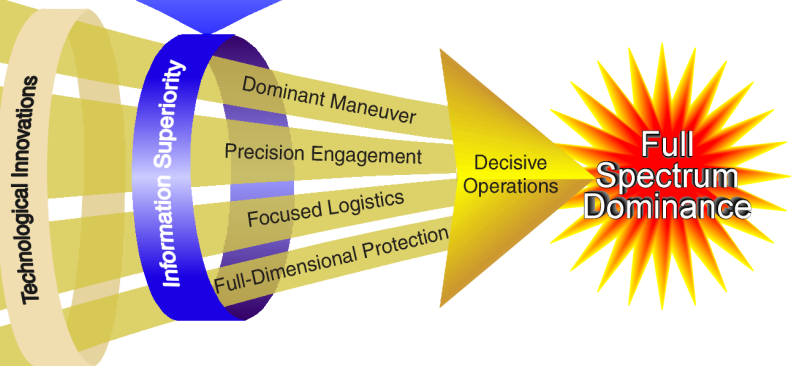
Control of Space: ■ Space Superiority is essential to Information Superiority. It includes the ability to generate, collect and disseminate information, and deny it to the enemy. Threats to space are threats to Information Superiority ■ Control of Space operations (assured access to space, protection of ground link and space systems, and counterspace operations) will integrate seamlessly to information operations and will be a key enabler for Information Superiority and dominant battlespace awareness

Global Engagement: ■ Integrated Focused Surveillance contributes to the common operating picture and battlespace awareness

Full Force Integration: ■ Contribute to ensuring robust, integrated ISR, C3, precision navigation, position and timing data and weather to provide common operating picture

Global Partnerships: ■ A percentage of traditional force enhancement support (e.g., communications, surveillance, weather) provided by civil and commercial enterprises, both domestic and international. Agreements in place to both augment support for US/allied operations and protect/prevent use by or distribution of information to adversary forces

USSPACECOM
Linkage to
Joint Vision 2010



Full-Dimensional Protection

The multi-layered offensive and defensive capability to better protect our forces and facilities at all levels from adversary attacks while maintaining freedom of action during deployment, maneuver and engagement.

Control of Space: ■ Assure access to space ■ Real time surveillance of space to characterize potential targets ■ Conduct defensive and offensive counterspace operations as directed to protect space and terrestrial forces

Global Engagement: ■ Provide near real time warning and assessment of intercontinental or theater ballistic missile attack ■ Conduct missile defense by cooperatively engaging inbound targets

Full Force Integration: ■ Robust, integrated ISR, C3, precision navigation, position and timing data and weather for common operating picture; system will include ability to discriminate between friendly and unfriendly forces, NGOs, PVOs

Global Partnerships: ■ CRAF-like agreements and international partnerships could enhance C2 of forces, imagery collection/targeting and shared warning

